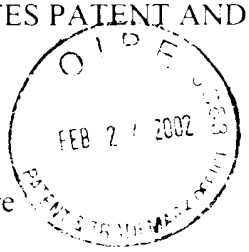
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Mark Lusk
Allen Roche,
Chijoke Mgbokwere
Samir Samir

Serial No.: 09/683,159 Filed: 11-27-2001

Title: **METHOD AND ARRANGEMENT FOR AFFECTING TIME, TEMPERATURE AND TRANSFORMATION DEPENDENT STRESS RELIEF IN SPRAYFORM TECHNIQUES**

Docket No.: 201-0986

* * * * * * * *

Information Disclosure Statement

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Forms PTO/SB/08A and/or 08B are submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. In accordance with Patent Office guidelines, copies of the citations listed on the attached form are enclosed.

Respectfully submitted,

By Damian Porcari
Damian Porcari
Attorney for Applicant(s)
Reg. No. 31,461
Telephone: 1-313-8455101

Date: 2-27-02

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	09/655,159
Filing Date	11-27-01
Applicants	Reiche et al
Group Art Unit	
Examiner Name	
Attorney Docket Number	201-1956

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		K-H BUSSE; Arc Spraying Of Corded Wires; Thermal Spraying; June 1989; 19-28	
		STEEPER et al.; A Taguchi Experimental Design Study Of Twin-Wire Electric Arc Sprayed Aluminum Coatings; Proceedings of the International Thermal Spray Conference & Exposition; May 28-June 5 1992; 427-432; Orlando, FL.	
		AKIRA OHMORI; Thermal Spraying Current Status And Future Trends; Proceedings of the 14th International Thermal Spray Conference; May 22-26 1995; 1197-1202; Kobe, Japan	
		CRANE et al.; Relationships Between Process Variables, Structure And Mechanical Properties of Arc Sprayed Steel Coatings; Surface Engineering Conference; 1985; 103-118	
		NEWBERY et al.; The Electric Arc Spray Manufacture of Rapid Production Tooling: A Case Study; Proceedings of the 15th International Thermal Spray Conference; May 25-29 1998; 1223-1228; Nice, France	
		ZURECKI et al.; Electric Arc Deposition of Carbon Steel Coatings with Imporved Mechanical Properties; Journal of Thermal Spray Technology; December 1997; Volume 6(4); 417-421;	
		HARRIS et al.; Influence of Heat Transfer on the Structure and Properties of Arc Sprayed Low Alloy Steels; Surface Engineering conference; 1985; 78-94	
		FUSSELL et al.; A Sprayed Steel Tool for Permanent Mold Casting of Aluminum; SAE Technical Paper Series; April 22-26 1991; 1-7; Dayton, OH.	
		VOLENIK et al.; Properties of Alloy Steel Coatings Oxidized Dut=ring Plasma Spraying; Materials Science and Engineering; 1997; A234-236; 493-496	
		WEISS et al.; Arc-Sprayed Steel-Faced Tooling; Journal of Thermal Spray Technology; September 1994; Volume 3(3); 275-281	
		SMITH et al.; An Investigatio of the Effects of DropletImpact Angle in Thermal Spray Deposition; Proceedings of the 7th National Thermal Spray Conference; June 20-24 1994; 603-608; Boston, MA.	
		KOWALSKY et al.; Diagnostic Behavior of the Wire-Arc-Plasma Spray Process; Proceedings of the International Thermal Spray Conference & Exposition; May 28-June 5 1992; 337-342; Orlando, FL.	
		MURAKAMI et al.; Effect of Temperature Rise of Sprayed Deposits of an Fe-2.19wt.%C-0.68wt.%Si Alloy During Thermal Spraying on the Structures and the Mechanical Properties; Materials Science and Engineering; 1994; A174; 85-94	
		PRINZ; Shaping By Deposition; Carnrgie Mellon University	
		STEFFENS; Metallurgical Changes In The Arc Spraying Of Steel; British Welding Journal; October 1966; 597-605	
		BREDENDICK-KAMPER et al.; AES Investigation Of Thermally Sprayed Al_2O_3 Coatings On Steel; Fresenius Journal Anal Chem; 1991; 341; 346-348	

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	[illegible]
Filing Date	[illegible]
Applicants	[illegible]
Group Art Unit	
Examiner Name	
Attorney Docket Number	[illegible]

		CRANE et al.; Relationships Between Process Variables, Structure and Mechanical Properties Of Arc Sprayed Steel Coatings; First International Conference On Surface Engineering; June 25-28 1985; 103-118; Brighton, UK	
		KIM et al.; Heat Flow In Multi-Pass Arc Spraying Process; Surface And Coatings Technology; 1989; 398-408;	
		CRONJAGER et al.; Investigationd About The Machinability Of Arc-Sprayed Steel Coatings; Proceedings Of The Eleventh International Thermal Spraying Conference; September 8-12 1986863-872; Montreal, Canada	
		STEFFANS et al.; The Sonarc Process: Combining The Advantages Of Arc And HVOF Spraying; Journal Of Thermal Spray Technology; December 1994; 398-403; Volume 3(4)	
		WEISS et al.; Rapid Prototyping Of Tools; Carnegie Mellon University; October 1989; 1-23	
		BHARGAVA et al.; Automated Ejectability Analysis And Parting Surface Generation For Mold Tool Design; Carnegie Mellon University; May 1991; 1-29	
		FUSSELL et al.; Controlled Microstructure Of Arc Sprayed Metal Shells; Carnegie Mellon University; May 1991; 1-26	
		CLYENS; Rapid Tooling Manufactured By Spray Tool Steel Directly Onto Stereolithography Models;	
		HE et al.; Net Shape Simulation And Control; Proceedings Of The 7th National Thremal Spray Conference; June 20-24 1994; 415-419; Boston, MA	
		GILL et al.; Monitoring Of Residual Stress Generation During Thermal Spraying By Curvature Measurements; Proceedings Of The 7th National Thermal Spray Conference; June 20-24 1994; 581-592; Boston, MA	
		RASTEGAR et al.; On The Optimal Motion Planning For Solid Freeform Fabrication By Thermal SprayingProceedings Of The 7th National Thermal Spray Conference; June 20-24 1994; 463-483; Boston, MA	
		HARRIS et al.; Influence Of Wire Composition And Other Process Variables On The Internal Stress Of Arc Sprayed Steel Coatings; DVS; 80; 245-249	
		GREVING et al.; Effects Of Coating Thickness And Residual Stresses On Bond Strength Of C633-79 Thermal Spray Coating Test Specimens; Proceedings of the 7th National Thermal Spray Conference; June 20-24 1994; 639-644; Boston, MA	
		KNIGHT et al.; Residual Stresses In Thermally Sprayed Coatings; Proceedings of the 1993 National Thermal Spray Conference; June 7-11 1993; 607612; Anaheim, CA	
		NEISER et al.; Use Of A Computer Model To Assist In VPS Parameter Development; Proceedings of the 1993 National Thermal Spray Conference; June 7-11 1993; 61-66; Anaheim, CA	
		EINERSON et al.; Intelligent Control Strategies For The Plasma Spray Process; Proceedings of the 1993 National Thermal Spray Conference; June 7-11 1993; 205-211; Anaheim, CA	

EXAMINER DATE CONSIDERED

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Unique citation designation number. [2]Applicant is to place a check mark here if English language Translation is attached. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.